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OCT 22 2004

**INSTRUCTIONS:** This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

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7590

07/19/2004

Schwegman, Lundberg, Woessner &amp; Kluth, P.A.

P.O. Box 2938

Minneapolis, MN 55402

10/25/2004 WABDEL3 00000014 10657680

01 FC:1501 1370.00 DP  
 02 FC:1504 300.00 DP  
 03 FC:8001 3.00 DP

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I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (703) 746-4000, on the date indicated below.

<i>Dennis J. Kumpf</i>	(Depositor's name)
<i>Dennis J. Kumpf</i>	(Signature)
<i>October 19, 2004</i>	(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/657,680	09/08/2003	Dudi Amir	884.147US3	1232

TITLE OF INVENTION: BLOCKING CAP FOR USE IN A PARTIAL PRINTING PROCESS AND APPARATUS

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1330	\$300	\$1630	10/19/2004

EXAMINER	ART UNIT	CLASS-SUBCLASS
YAN, REN LUO	2854	101-123000

1. Change of correspondence address or indication of "Fee Address" (37 CFR J.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
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2. For printing on the patent front page, list

- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,
- (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

- 1 **Schwegman, Lundberg,**
- 2 **Woessner & Kluth, P.A.**
- 3

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

Intel Corporation

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Santa Clara, California

Please check the appropriate assignee category or categories (will not be printed on the patent); ☐ individual ☒ corporation or other private group entity ☐ government

4a. The following fee(s) are enclosed:

- ☒ Issue Fee
- ☒ Publication Fee (No small entity discount permitted)
- ☒ Advance Order - # of Copies \_\_\_\_\_

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- ☒ A check in the amount of the fee(s) is enclosed.
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- ☒ The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number 19-0743 (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is not claiming SMALL ENTITY status. See, e.g., 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

(Authorized Signature)

*Ann M. McCash*

(Date)

*Oct. 19, 2004*

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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TRANSMIT THIS FORM WITH FEE(S)



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Dudi Amir

Title: BLOCKING CAP FOR USE IN A PARTIAL PRINTING PROCESS AND APPARATUS

Docket No.: 884.147US3

Filed: September 8, 2003

Examiner: Ren Yan

Customer No.: 21186

Serial No.: 10/657,680

Due Date: October 19, 2004

Group Art Unit: 2854

Confirmation No.: 1232

Commissioner for Patents

Attn: MAIL STOP ISSUE FEE

P.O. Box 1450

Alexandria, VA 22313-1450

**Notice of Allowance Date:**

July 19, 2004

We are transmitting herewith the attached:

☒ A check in the amount \$ 1370.00 to cover the Large Entity Issue Fee Payment.

☒ A check in the amount \$ 3.00 to cover the Extra Patent Copies Fee (1 copies).

☒ Issue Fee Transmittal (Form PTOL-85).

☒ A check in the amount \$ 300.00 to cover the Publication Fee Payment.

☒ A return postcard.

☒ Communication Concerning Related Application(s) (1 pg.)

Please charge any additional required fees for the Issue Fee Payment or credit overpayment to Deposit Account No. 19-0743.

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.

Customer Number: 21186

By Ann M. McCrackin

Ann M. McCrackin

Reg. No. 42,858

AMM1:CMG:clh

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: Commissioner for Patents, Attn - MAIL STOP ISSUE FEE, P.O. Box 1450, Alexandria, VA 22313-1450, on this 19 day of October, 2004.

Dennis J. Kumpf  
Name

[Signature]  
Signature



S/N 10/657,680

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Dudi Amir Examiner: Ren Yan  
Serial No.: 10/657,680 Group Art Unit: 2854  
Filed: September 8, 2003 Docket: 884.147US3  
Title: BLOCKING CAP FOR USE IN A PARTIAL PRINTING PROCESS AND  
APPARATUS  
Assignee: Intel Corporation Customer No.: 21186

COMMUNICATION CONCERNING RELATED APPLICATION(S)

Mail Stop Issue Fee  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Applicant would like to bring to the Examiner's attention the following related application(s) in the above-identified patent application:

<u>Serial/Patent No.</u>	<u>Filing Date</u>	<u>Attorney Docket</u>	<u>Title</u>
09/434944	November	884.147US1	PARTIAL PRINTING PROCESS AND
6626099	5, 1999		APPARATUS
10/657681	September	884.147US2	METHODS FOR MANUFACTURING
	8, 2003		PRINTED CIRCUIT BOARDS USING A
			PARTIAL PRINTING PROCESS AND
			APPARATUS

Respectfully submitted,  
DUDI AMIR

By Applicant's Representatives,  
SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.  
Attorneys for Intel Corporation  
P.O. Box 2938  
Minneapolis, MN 55402  
(612) 349-9592

Date Oct. 19, 2004 By Ann M. McCrackin  
Ann M. McCrackin  
Reg. No. 42,858

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Dennis J. Knapf  
Name

[Signature]  
Signature